Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JUNE 1984

Summary: The seasonally adjusted unemployment rate for Ohio dropped from 10.2 percent in May to 9.0 percent in June. The unadjusted rate was also 9.0 percent, down from 9.7 percent in May, as actual unemployment fell by 24,000, to 469,000 in June. Total employment rose 2.7 percent, to 4,715,000. Nonfarm wage and salary employment increased by .4 percent, to 4,216,900 in June. The increment was due largely to seasonal gains in nonmanufacturing industries. Factory hours and earnings averages were up slightly as overtime rose in June.

Factory Employment: Manufacturing employment in Ohio was 1,120,700 in June, up .3 percent from May. Much of the increase occurred in primary metals, due to settlement of a labor-management dispute. Recalls raised employment levels in fabricated metals and lumber and wood products. Increased business in food processing, especially in beverages, accounted for much of the improvement in nondurable goods. Employment declined in nonelectrical machinery, due to layoffs and a labor-management dispute. Employment was also down slightly in printing and publishing, and in rubber and plastics products.

Nonmanufacturing: Ohio nonmanufacturing establishments employed 3,096,200 workers in June, a .5 percent improvement over May. Hiring in business and health services, and seasonal expansion in construction and retail trade accounted for the increase. Nonfaculty personnel were laid off at the end of the school year, resulting in a sharp overall decline in government employment, despite hiring for summer programs in nonschool units.

Factory Hours and Earnings: Average weekly earnings of Ohio's production workers were up $1.52 from May, to $461.25 in June. The average workweek, at 42.2 hours, was up .1 hours. Sizable increases in hours and earnings were reported in motor vehicles, pottery and related products, special industry machinery, and basic steel, as manufacturers required more overtime at premium pay. Hours and earnings were reduced in electric and electronic equipment and fabricated metal products, as overtime was cut back in these industries.

Over the Year: The unadjusted unemployment rate for Ohio, at 9.0 percent of the civilian labor force, was well below the 12.8 percent rate of June 1983. This represents a drop of 201,000 in the number of jobless workers since June 1983. Total employment increased by 2.9 percent, as nonfarm payroll employment rose 2.4 percent. Manufacturing industries contributed most to this improvement, with greatest gains reported in fabricated metals, transportation equipment, primary metals, rubber and plastics products, and nonelectrical machinery. Significant growth in service establishments accounted for most of the change in nonmanufacturing, although retail trade also showed a noteworthy increase. Production workers in Ohio factories earned $23 more per week in June 1984 than one year earlier. The average workweek was .7 hours longer.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron. --Nonagricultural wage and salary employment in Akron declined to 249,700 in June, 3,400 below the May level. The loss occurred in nonmanufacturing, as release of nonfaculty school personnel more than offset seasonal expansion in services, construction, and retailing. Manufacturing gained 300 during the month, to 67,800. Factory production workers averaged $10.85 per hour for a 43.7 hour workweek, up 3¢ and .3 hours from May.

Canton. --Wage and salary employment in Canton area nonagricultural industries rose 700 from May, to 148,500. Nonmanufacturing establishments in retail trade, construction, and transportation and public utilities accounted for the overall gain. Manufacturing declined fractionally for the month, to 45,200. Gross earnings for manufacturing production workers were $11.07 per hour in June, up 3¢ from May. The average workweek was down .2 hours, to 40.4.

Cincinnati. --Cincinnati's nonfarm payroll employment was up 4,600 in June, to 594,600. Nonmanufacturing expanded seasonally, with increases in services, retail trade, and construction. Manufacturing employment advanced 800 for the month, to 145,800. Production workers in factories earned $10.48 per hour for a workweek of 41.8 hours, down 2¢ but up .2 hours from May.

Cleveland. --Wage and salary employment in Cleveland's nonagricultural industries rose 7,400 from May, to 838,500 in June. Manufacturing employment rose 800 for the month, to 211,700, due largely to gains in fabricated metals and nonelectrical machinery. Seasonal increases in retail trade, services, and local government accounted for much of the increase in nonmanufacturing. Production workers in factories earned $10.86 per hour for a workweek of 42.2 hours, up 3¢ and .2 hours from May averages.

Columbus. --Nonfarm establishments in Columbus employed 521,800 wage and salary workers in June. Manufacturing expanded by 900 workers to 88,100 in June. Among nonmanufacturers, seasonal advances in services, construction, and retail trade more than offset losses in state and local government education. Production workers in factories grossed $10.29 per hour, little changed from May. Their workweek was .3 hours longer, at 40.8 hours.

Dayton. --Nonagricultural wage and salary employment in the Dayton area totaled 346,700 in June, 2,300 above the May level. Seasonal growth in services and construction was responsible for most of the gain. Total factory employment rose 200 from May, to 91,400 in June. Manufacturing production workers averaged $11.07 per hour, up 4¢ from May. Their average workweek of 41.9 hours was down .4 hours from the previous month.

Toledo. --Wage and salary employment in Toledo's nonagricultural industries dropped to 291,200 in June, down 3,100 from May. Release of nonfaculty workers in state and local government education contributed most to the change. Manufacturing employment also lost ground, down 400, to 75,300 in June. Factory production workers earned $11.57 per hour in June, virtually unchanged from May. The workweek was .4 hours shorter, down from 43.7 hours in May.

Youngstown-Warren. --Nonfarm payroll employment in Youngstown-Warren declined to 182,400 in June, down 700 from the May level. Losses of nonfaculty school personnel at the end of the school year more than offset gains in other nonmanufacturing industries. Total factory employment, at 55,500, was down 300 from the previous month. Manufacturing production workers averaged 4¢ per hour more in June, as hourly earnings rose to $12.90. The workweek was reduced to 43.0 hours, down .3 hours from May.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 7-19-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousandr)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.7	148.5	594.6	838.5	521.8	346.7	291.2	182.4
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.8	45.2	145.8	211.7	88.1	91.4	75.3	55.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.2	97.2	136.5	58.2	59.3	54.1	42.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.7	40.4	41.8	42.2	40.8	41.9	43.3	43.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties, [k]Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.85	11.07	10.48	10.86	10.29	11.07	11.57	12.90
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	352.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	474.15	447.23	438.06	458.29	419.83	463.83	500.98	554.70

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	AKRON[b]					CANTON[c]			
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September	305.1	271.4	33.7	11.1	September	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January[p]	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May[p]	307.0	275.8	31.2	10.2	May[p]	186.4	165.5	20.9	11.2
	CINCINNATI[d]					CLEVELAND[e]			
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
May	692.0	616.1	75.9	11.0	May	935.9	822.2	113.8	12.2
June	703.1	627.2	76.0	10.8	June	962.0	845.0	117.0	12.2
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September	685.5	619.2	66.4	9.7	September	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May[p]	695.2	635.0	60.1	8.7	May[p]	915.3	828.7	86.6	9.5

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p]Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	COLUMBUS[f]					DAYTON[g]			
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	567.4	516.4	51.0	9.0	1982	391.8	347.1	44.7	11.4
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
May	580.0	526.2	53.7	9.3	May	391.3	349.9	41.4	10.6
June	594.3	537.2	57.1	9.6	June	400.1	356.8	43.2	10.8
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September	577.9	528.9	49.0	8.5	September	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October	395.4	360.8	34.7	8.8
November	594.7	544.2	50.5	8.5	November	396.8	360.3	36.5	9.2
December	585.3	537.9	47.4	8.1	December	388.0	355.5	32.5	8.4
1984					1983				
January	575.1	529.6	45.4	7.9	January	385.5	353.0	32.5	8.4
February	570.0	526.7	43.2	7.6	February	383.7	350.3	33.4	8.7
March	571.3	525.2	46.0	8.1	March	383.4	348.5	34.9	9.1
April	580.3	535.2	45.1	7.8	April	387.1	354.5	32.6	8.4
May[p]	593.4	546.7	46.7	7.9	May[p]	393.5	360.7	32.8	8.3
	TOLEDO[h]					YOUNGSTOWN-WARREN[i]			
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.0	190.3	46.6	19.7
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
May	379.0	328.4	50.6	13.4	May	230.7	190.3	40.4	17.5
June	380.6	332.0	48.6	12.8	June	233.8	193.5	40.3	17.2
July	382.1	337.7	44.4	11.6	July	233.4	199.5	33.9	14.5
August	379.2	335.1	44.1	11.6	August	232.6	196.2	36.4	15.6
September	374.8	331.9	42.9	11.5	September	226.7	193.1	33.6	14.8
October	380.0	338.3	41.7	11.0	October	227.0	195.5	31.5	13.9
November	381.3	337.5	43.8	11.5	November	227.9	195.2	32.7	14.4
December	372.5	331.9	40.5	10.9	December	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January	218.3	189.7	28.6	13.1
February	365.7	327.7	38.0	10.4	February	214.6	188.2	26.4	12.3
March	367.3	327.8	39.5	10.8	March	215.3	186.8	28.5	13.2
April[p]	372.0	335.2	36.8	9.9	April	216.3	190.5	25.8	11.9
May	INA	INA	INA	INA	May[p]	220.7	194.7	26.0	11.8

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	[illegible]	[illegible]	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
June	[illegible]	[illegible]	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,216.9	1,120.7	3,096.2

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.3	139.1	200.1	223.4	720.7	214.9	912.6	657.3

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,120.7	765.9	354.8	775.4	357.6	32.7

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	461.25	481.10	416.00	42.2	42.5	41.6	10.93	11.32	10.00

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.2	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	[illegible]	[illegible]	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.3	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.8	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.0	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.2	111.9	140.1	159.0	92.9	141.5	65.8	63.0	89.0
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.19	544.85	474.46	464.81	415.14	590.95	425.70	383.67	416.44

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	4216.9	4200.0	4116.8	.4	2.4
MANUFACTURING	1120.7	1117.7	1064.1	.3	5.3
Durable Goods[e]	765.9	764.2	721.8	.2	6.1
Lumber and wood products	16.1	15.7	14.4	2.4	11.9
Furniture and fixtures	13.7	13.4	13.5	1.9	1.5
Household furniture	5.9	5.8	6.4	1.3	- 7.2
Stone, clay, and glass products	55.2	55.0	53.1	.5	4.0
Glass and glassware, pressed or blown	13.8	14.1	13.6	- 1.6	1.5
Structural clay products	4.9	4.7	4.8	4.4	1.5
Pottery and related products	5.7	5.7	5.8	- .1	- .5
Primary metal industries	111.9	111.1	103.5	.7	8.1
Blast furnace and basic steel products	55.5	55.6	51.7	- .2	7.5
Iron and steel foundries	22.0	21.1	19.9	4.5	10.7
Nonferrous rolling and drawing	18.7	18.7	18.2	.1	3.2
Nonferrous foundries	9.3	9.3	8.2	.1	13.4
Fabricated metal products	140.1	139.6	129.8	.4	7.9
Cutlery, hand tools, and hardware	11.2	11.4	11.1	- 1.4	1.3
Plumbing and heating, except electric	4.9	4.9	4.1	- .5	19.0
Fabricated structural metal products	29.2	28.9	28.5	.9	2.4
Screw machine products, bolts, etc.	8.9	8.8	8.5	1.1	4.8
Metal forgings and stampings	43.9	43.9	38.7	.1	13.3
Machinery, except electrical	159.0	160.0	152.0	- .6	4.6
Construction and related machinery	15.6	15.8	17.1	- 1.0	- 8.7
Metalworking machinery	39.0	39.4	38.2	- .9	2.2
Special industry machinery	16.8	16.7	15.8	.5	6.3
General industrial machinery	31.7	31.6	29.5	.4	7.6
Electric and electronic equipment	92.9	92.8	90.0	.0	3.1
Electrical industrial apparatus	19.1	19.0	18.7	.5	1.9
Household appliances	16.3	16.1	15.9	1.2	2.3
Electric lighting and wiring equipment	18.5	18.5	18.0	- .1	2.7
Communication equipment	10.2	10.2	10.1	.1	1.2
Transportation equipment	141.5	141.6	132.1	- .1	7.1
Motor vehicles and equipment	94.2	94.9	87.2	- .7	8.0
Aircraft and parts	38.9	38.5	36.6	1.2	6.3
Instruments and related products	21.7	21.6	20.1	.4	7.6
Measuring and controlling devices	12.6	12.7	11.7	- .9	7.2
Nondurable Goods[f]	354.8	353.5	342.3	.4	3.6
Food and kindred products	65.8	64.8	64.2	1.6	2.4
Meat products	10.5	10.4	9.7	.5	8.3
Dairy products	10.6	10.4	10.6	2.2	.3
Bakery products	10.3	10.3	10.1	- .4	1.9
Beverages	10.6	10.4	10.7	2.5	- .4
Textile mill products	4.7	4.6	4.3	1.7	7.4
Apparel and other textile products	17.4	17.7	16.4	- 1.2	6.3
Paper and allied products	35.8	35.7	34.9	.0	2.6
Paper mills, except building paper	9.5	9.5	9.0	.1	5.4
Misc. converted paper products	11.5	11.5	11.3	.0	2.2
Paperboard containers and boxes	11.8	11.7	11.6	.4	1.7
Printing and publishing	63.0	63.2	62.4	- .3	1.0
Newspapers	18.0	18.0	17.8	.0	.9
Commercial printing	23.1	23.3	22.7	- 1.0	1.6
Chemicals and allied products	64.5	64.1	63.9	.6	1.0
Industrial inorganic chemicals	11.5	11.5	11.4	.0	.7
Plastics materials and synthetics	8.8	8.7	8.8	.3	- .5
Petroleum and coal products	9.7	9.4	9.6	3.1	1.1
Rubber and misc. plastics products	89.0	89.2	81.5	- .3	9.2
Tires and inner tubes	20.5	20.5	20.1	- .1	1.7
Miscellaneous plastics products	47.5	47.8	42.3	- .6	12.3
Leather and leather products	4.8	4.7	4.9	3.6	- 1.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$461.25	$459.73	$437.83	42.2	42.1	41.5	$10.93	$10.92	$10.55
Durable Goods[d]	481.10	477.99	452.61	42.5	42.3	41.6	11.32	11.30	10.88
Lumber and wood products	302.06	299.03	294.59	40.6	40.3	40.3	7.44	7.42	7.31
Furniture and fixtures	321.58	317.49	313.24	40.4	40.6	41.0	7.96	7.82	7.64
Household furniture	284.93	279.18	275.52	39.3	39.6	39.7	7.25	7.05	6.94
Stone, clay, and glass products	423.19	416.90	400.20	41.9	41.4	41.3	10.10	10.07	9.69
Glass and glassware, pressed or blown	448.67	438.34	424.60	40.9	40.4	40.4	10.97	10.85	10.51
Structural clay products	318.53	318.37	305.56	41.1	41.4	41.8	7.75	7.69	7.31
Pottery and related products	346.50	321.64	324.90	39.6	37.4	38.0	8.75	8.60	8.55
Primary metal industries	544.85	537.63	496.11	42.7	42.2	40.4	12.76	12.74	12.28
Blast furnace and basic steel products	547.94	543.43	503.72	41.7	41.2	39.2	13.14	13.19	12.85
Iron and steel foundries	551.49	548.49	484.33	43.7	43.6	40.7	12.62	12.58	11.90
Nonferrous rolling and drawing	587.88	579.44	533.76	42.6	42.7	41.7	13.80	13.57	12.80
Nonferrous foundries	418.21	412.47	396.53	43.7	43.1	42.5	9.57	9.57	9.33
Fabricated metal products	474.46	477.70	463.86	42.4	42.5	42.4	11.19	11.24	10.94
Cutlery, hand tools, and hardware	461.68	457.81	482.16	39.8	39.5	42.0	11.60	11.59	11.48
Plumbing and heating, except electric	386.05	386.14	332.20	41.6	41.7	39.5	9.28	9.26	8.41
Fabricated structural metal products	417.00	413.24	409.85	41.7	41.2	40.7	10.00	10.03	10.07
Screw machine products, bolts, etc.	392.70	399.04	383.35	42.5	43.0	41.0	9.24	9.28	9.35
Metal forgings and stampings	589.63	592.30	565.27	44.5	44.5	44.3	13.25	13.31	12.76
Machinery, except electrical	464.81	462.87	424.91	42.8	42.7	40.7	10.86	10.84	10.44
Construction and related machinery	412.63	420.89	412.06	40.1	40.2	38.8	10.29	10.47	10.62
Metalworking machinery	434.92	435.74	393.47	41.9	42.1	38.5	10.38	10.35	10.22
Special industry machinery	461.61	444.26	408.20	44.3	42.8	41.4	10.42	10.38	9.86
General industrial machinery	461.05	466.82	415.14	41.8	42.4	40.7	11.03	11.01	10.20
Electric and electronic equipment	415.14	420.24	392.85	40.9	41.2	40.5	10.15	10.20	9.70
Electrical industrial apparatus	402.62	402.70	359.68	41.0	40.8	38.8	9.82	9.87	9.27
Household appliances	420.29	424.54	409.66	39.8	39.9	40.4	10.56	10.64	10.14
Electric lighting and wiring equipment	417.13	416.64	395.43	41.3	42.0	41.8	10.10	9.92	9.46
Communication equipment	479.27	473.88	433.37	43.1	42.5	41.0	11.12	11.15	10.57
Transportation equipment	590.95	582.56	563.82	44.2	44.0	44.5	13.37	13.24	12.67
Motor vehicles and equipment	622.83	611.02	596.45	45.1	44.6	45.6	13.81	13.70	13.08
Aircraft and parts	515.34	507.36	481.07	42.0	42.0	41.4	12.27	12.08	11.62
Instruments and related products	316.78	317.60	300.93	40.2	39.9	39.7	7.88	7.96	7.58
Measuring and controlling devices	313.61	314.03	296.01	39.9	39.6	39.0	7.86	7.93	7.59
Nondurable Goods[e]	416.00	413.17	402.11	41.6	41.4	41.2	10.00	9.98	9.76
Food and kindred products	419.70	416.75	408.53	42.4	41.8	41.9	10.04	9.97	9.75
Meat products	405.82	394.42	412.02	41.2	41.0	42.0	9.85	9.62	9.81
Dairy products	419.24	416.56	401.07	43.4	42.9	43.5	9.66	9.71	9.22
Bakery products	455.40	450.60	421.25	41.4	41.8	40.7	11.00	10.78	10.35
Beverages	406.43	373.51	373.11	41.9	39.4	40.6	9.70	9.48	9.19
Textile mill products	323.52	330.34	304.83	40.9	41.5	41.7	7.91	7.96	7.31
Apparel and other textile products	240.04	244.08	229.02	37.1	37.9	37.3	6.47	6.44	6.14
Paper and allied products	449.90	452.24	422.14	44.5	44.6	43.7	10.11	10.14	9.66
Paper mills, except building paper	552.01	560.95	508.56	46.9	47.7	46.7	11.77	11.76	10.89
Misc. converted paper products	410.28	402.12	377.69	43.6	43.1	42.2	9.41	9.33	8.95
Paperboard containers and boxes	399.93	408.03	387.11	43.5	43.5	42.4	9.18	9.38	9.13
Printing and publishing	383.67	384.29	371.51	38.1	38.2	37.3	10.07	10.06	9.96
Newspapers	322.74	327.63	320.09	33.0	33.5	32.3	9.78	9.78	9.91
Commercial printing	395.21	393.62	390.17	39.6	39.6	38.9	9.98	9.94	10.03
Chemicals and allied products	476.93	473.30	452.09	41.4	41.3	41.4	11.52	11.46	10.92
Industrial inorganic chemicals	510.83	518.18	475.36	41.7	42.3	41.3	12.25	12.25	11.51
Plastics materials and synthetics	543.90	535.24	493.78	44.4	43.8	43.2	12.25	12.22	11.43
Petroleum and coal products	594.27	601.66	584.77	42.6	42.4	42.1	13.95	14.19	13.89
Rubber and misc. plastics products	416.44	415.16	414.62	42.8	42.8	42.7	9.73	9.70	9.71
Tires and inner tubes	592.48	588.53	544.00	46.0	45.8	43.8	12.88	12.85	12.42
Miscellaneous plastics products	398.04	398.14	404.70	42.3	42.4	42.6	9.41	9.39	9.50
Leather and leather products	241.13	194.85	208.21	42.2	37.4	38.7	5.24	5.21	5.38

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JUNE 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
NONMANUFACTURING	3096.2	3082.3	3052.7	.5	1.4
MINING	28.3	27.9	27.0	1.3	4.8
Bituminous coal and lignite mining	11.9	11.9	11.5	.5	3.4
CONSTRUCTION	139.1	131.5	135.7	5.7	2.5
General building contractors	34.6	32.8	32.9	5.6	5.1
Heavy construction contractors	23.8	21.1	21.5	12.7	10.5
TRANSPORTATION AND PUBLIC UTILITIES	200.1	198.4	201.4	.9	- .6
Railroad transportation	19.3	19.3	19.4	.0	- .6
Transportation, except railroads	89.0	87.5	87.2	1.7	2.1
Trucking and warehousing	62.9	62.2	63.0	1.2	- .1
Communication, electric, gas services	91.8	91.6	94.8	.3	- 3.2
Communication	51.9	52.0	54.1	.0	- 4.1
Electric, gas, and sanitary services	39.9	39.6	40.7	.8	- 2.0
WHOLESALE TRADE	223.4	221.6	221.6	.8	.8
Wholesale trade-durable goods	139.4	138.4	138.6	.7	.6
Motor vehicles & automotive equipment	20.4	20.2	20.2	1.0	.8
Electrical goods	18.8	18.6	18.6	.8	.9
Machinery, equipment, and supplies	58.2	58.0	58.0	.4	.4
Wholesale trade-nondurable goods	84.0	83.2	83.0	1.0	1.2
Groceries and related products	26.5	26.2	25.8	1.1	2.4
RETAIL TRADE	720.7	715.4	713.1	.7	1.1
General merchandise stores	109.0	108.8	108.0	.2	.9
Department stores	100.3	100.2	99.2	.2	1.2
Food stores	118.7	118.2	117.0	.4	1.5
Automotive dealers & service stations	76.1	75.4	76.1	1.0	.0
Apparel and accessory stores	32.9	32.9	33.4	.1	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	214.9	212.6	211.3	1.1	1.7
Banking	57.6	57.2	58.8	.7	- 1.9
Credit agencies other than banks	32.6	32.3	31.6	.9	3.1
Insurance carriers	59.5	59.3	59.4	.4	.2
SERVICES	912.6	902.3	888.2	1.1	2.7
Hotels and other lodging places	30.6	29.6	30.5	3.6	.3
Laundry, cleaning, & garment services	16.6	16.6	16.6	.5	.1
Business services	136.2	133.7	129.5	1.9	5.2
Health services	330.0	327.6	319.5	.7	3.3
Hospitals	178.4	177.7	175.1	.4	1.9
GOVERNMENT	657.3	672.7	654.5	- 2.3	.4
Federal government	90.7	89.8	88.7	1.0	2.2
State government	133.8	145.1	135.3	- 7.8	- 1.1
State government, except education	68.6	68.1	71.5	.7	- 4.1
State government education[i]	65.2	77.0	63.8	- 15.3	2.3
Local government	432.8	437.8	430.4	- 1.1	.5
Local government, except education	186.3	180.7	189.9	3.1	- 1.9
Local government education	246.5	257.1	240.5	- 4.1	2.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JUNE 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$498.62	$490.12	$458.11	44.8	43.8	43.3	$11.13	$11.19	$10.58
Bituminous coal and lignite mining	619.99	608.19	564.28	43.6	42.8	42.3	14.22	14.21	13.34
CONSTRUCTION	600.62	581.27	571.16	38.8	37.0	37.7	15.48	15.71	15.15
General building contractors	559.13	513.68	505.81	39.1	36.2	36.6	14.30	14.19	13.82
Heavy construction contractors	606.56	544.63	566.65	40.6	36.7	38.6	14.94	14.84	14.68
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	452.45	446.40	471.48	36.4	36.0	37.9	12.43	12.40	12.44
Communication, electric, gas services	484.80	483.20	451.60	40.4	40.3	40.0	12.00	11.99	11.29
Communication	479.59	477.99	447.02	40.2	40.1	39.7	11.93	11.92	11.26
Electric, gas, and sanitary services	493.27	490.45	457.33	40.8	40.6	40.4	12.09	12.08	11.32
WHOLESALE TRADE	341.68	340.42	328.89	39.5	39.4	39.2	8.65	8.64	8.39
Wholesale trade-durable goods	339.20	337.16	321.50	40.0	39.9	39.4	8.48	8.45	8.16
Motor vehicles & automotive equipment	278.97	278.52	282.34	38.8	38.9	38.0	7.19	7.16	7.43
Electrical goods	286.52	285.00	263.41	38.0	38.0	37.9	7.54	7.50	6.95
Machinery, equipment, and supplies	382.59	379.63	359.20	40.4	40.3	40.0	9.47	9.42	8.98
Wholesale trade-nondurable goods	346.87	345.35	341.93	38.8	38.5	38.9	8.94	8.97	8.79
Groceries and related products	368.10	366.93	372.32	40.9	40.5	41.6	9.00	9.06	8.95
RETAIL TRADE[f]	161.41	160.31	162.06	29.4	29.2	29.9	5.49	5.49	5.42
General merchandise stores	166.53	166.10	165.47	30.5	30.2	30.7	5.46	5.50	5.39
Department stores	169.83	169.07	169.02	30.6	30.3	30.9	5.55	5.58	5.47
Food stores	212.59	208.68	227.91	30.9	30.2	32.1	6.88	6.91	7.10
Automotive dealers & service stations	226.15	224.28	215.12	36.3	36.0	36.4	6.23	6.23	5.91
Apparel and accessory stores	112.41	112.57	115.36	25.9	25.7	26.1	4.34	4.38	4.42
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	225.07	221.51	215.56	....	....	....	....	....	....
Credit agencies other than banks	219.11	217.61	206.98	....	....	....	....	....	....
Insurance carriers	296.64	297.92	287.42	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	288.44	285.71	279.62	33.5	33.3	34.1	8.61	8.58	8.20
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	249.7	253.2	242.9	- 1.4	2.8
MANUFACTURING	67.8	67.5	65.0	.4	4.2
Durable Goods[e]	34.9	34.8	32.5	.3	7.3
Stone, clay, and glass products	1.3	1.3	1.5	2.2	- 8.8
Fabricated metal products	13.1	13.1	12.3	- .1	6.9
Machinery, except electrical	8.9	9.0	8.5	- .4	5.8
Special industry machinery	1.4	1.4	1.3	.0	7.6
Nondurable Goods[f]	32.9	32.7	32.6	.6	1.1
Food and kindred products	2.8	2.7	2.7	2.6	5.1
Chemicals and allied products	2.9	2.9	3.2	.0	- 11.7
Rubber and misc. plastics products	22.0	21.9	21.4	.4	2.5
Tires and inner tubes	15.5	15.6	15.5	- .3	.1
NONMANUFACTURING[g]	182.0	185.7	177.9	- 2.0	2.3
CONSTRUCTION	7.6	7.0	7.5	8.5	1.0
TRANSPORTATION AND PUBLIC UTILITIES	12.7	12.5	12.7	1.6	- .3
Communication, electric, gas services	5.3	5.3	5.5	.4	- 3.5
WHOLESALE TRADE	11.6	11.5	11.7	1.1	- .6
RETAIL TRADE	45.9	45.6	45.4	.8	1.1
FINANCE, INSURANCE, AND REAL ESTATE	9.6	9.5	9.4	1.1	2.8
SERVICES	56.9	55.8	53.9	2.0	5.5
GOVERNMENT	37.0	43.2	36.5	- 14.4	1.1
State government (includes education)	8.9	14.8	8.8	- 40.0	.7
Local government (includes education)	25.9	26.2	25.6	- 1.3	.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$474.15	$469.59	$437.38	43.7	43.4	42.3	$10.85	$10.82	$10.34
Durable Goods[d]	490.80	489.49	438.46	43.9	43.9	42.2	11.18	11.15	10.39
Stone, clay, and glass products	387.81	393.86	408.93	41.3	41.9	43.0	9.39	9.40	9.51
Fabricated metal products	598.07	602.99	497.57	44.9	45.1	42.6	13.32	13.37	11.68
Machinery, except electrical	405.42	412.52	406.93	43.5	44.5	42.7	9.32	9.27	9.53
Special industry machinery	496.64	497.55	416.75	47.8	48.4	41.8	10.39	10.28	9.97
Nondurable Goods[e]	447.72	440.06	437.50	43.3	42.6	42.6	10.34	10.33	10.27
Food and kindred products	467.04	472.29	460.67	45.3	45.5	44.9	10.31	10.38	10.26
Chemicals and allied products	449.19	439.01	441.60	41.4	40.8	40.7	10.85	10.76	10.85
Rubber and misc. plastics products	475.78	465.84	471.08	44.8	43.7	44.4	10.62	10.66	10.61
Tires and inner tubes	635.08	626.51	600.76	47.5	47.0	46.0	13.37	13.33	13.06
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	660.53	595.88	564.29	41.7	37.5	37.1	15.84	15.89	15.21
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	495.73	492.48	452.73	40.7	40.6	40.1	12.18	12.13	11.29
WHOLESALE TRADE	317.60	320.78	298.72	39.8	39.7	39.1	7.98	8.08	7.64
RETAIL TRADE[f]	177.61	176.12	178.12	29.9	29.8	30.5	5.94	5.91	5.84
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	.....	....	....	....
State government (includes education)	.....	.....	.....	....	....	.....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	148.5	147.8	144.9	.5	2.5
MANUFACTURING	45.2	45.3	44.4	- .1	1.9
Durable Goods[e]	33.9	33.9	33.8	- .1	.4
Stone, clay, and glass products	1.6	1.6	1.8	.7	- 9.0
Primary metal industries	11.2	11.0	10.6	1.9	5.3
Fabricated metal products	7.4	7.4	7.7	.5	- 2.9
Fabricated structural metal products	1.7	1.7	2.2	- 2.9	- 23.8
Metal forgings and stampings	2.5	2.5	2.2	3.1	15.3
Nondurable Goods[f]	11.3	11.3	10.6	- .1	6.6
Food and kindred products	4.0	4.0	3.8	.2	4.2
Rubber and misc. plastics products	2.8	2.8	2.5	- .4	14.9
NONMANUFACTURING[g]	103.3	102.6	100.5	.7	2.8
CONSTRUCTION	5.0	4.7	4.3	5.2	16.1
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.8	6.0	2.6	- 1.0
Communication, electric, gas services	2.7	2.7	2.9	.4	- 5.0
WHOLESALE TRADE	7.6	7.5	7.3	1.0	4.4
RETAIL TRADE	26.4	26.0	26.2	1.5	.8
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.7	6.4	1.2	5.5
SERVICES	32.1	31.8	31.3	.8	2.6
GOVERNMENT	18.1	18.6	17.8	- 2.5	1.9
government (includes education)	15.4	15.8	15.0	- 2.3	3.0

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$447.23	$448.22	$423.07	40.4	40.6	39.8	$11.07	$11.04	$10.63
Durable Goods[d]	465.41	467.24	435.01	40.4	40.7	39.8	11.52	11.48	10.93
Stone, clay, and glass products	277.48	292.47	271.55	38.7	39.9	39.7	7.17	7.33	6.84
Primary metal industries	498.48	507.12	468.07	40.2	40.7	39.4	12.40	12.46	11.88
Fabricated metal products	534.24	529.20	496.76	42.4	42.1	41.5	12.60	12.57	11.97
Fabricated structural metal products	377.55	381.05	467.60	39.7	39.9	41.9	9.51	9.55	11.16
Metal forgings and stampings	676.57	669.74	605.32	45.9	45.1	42.9	14.74	14.85	14.11
Nondurable Goods[e]	393.98	392.04	381.35	40.7	40.5	39.6	9.68	9.68	9.63
Food and kindred products	407.15	410.17	428.80	39.3	39.9	40.0	10.36	10.28	10.72
Rubber and misc. plastics products	445.88	447.30	404.05	43.8	44.2	43.4	10.18	10.12	9.31
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	592.84	556.68	549.58	38.1	35.3	36.3	15.56	15.77	15.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	486.79	490.80	454.66	40.6	40.9	40.2	11.99	12.00	11.31
WHOLESALE TRADE	310.54	309.31	313.13	35.9	35.8	37.5	8.65	8.64	8.35
RETAIL TRADE[f]	160.92	160.08	160.36	29.8	29.7	30.2	5.40	5.39	5.31
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	594.6	590.0	578.8	.8	2.7
MANUFACTURING	145.8	145.0	140.5	.6	3.8
Durable Goods[e]	79.4	78.8	76.4	.7	3.8
Furniture and fixtures	2.0	2.0	2.2	2.6	- 7.0
Primary metal industries	2.1	2.1	1.8	1.1	22.5
Fabricated metal products	12.4	12.3	11.9	1.0	4.8
Fabricated structural metal products	3.7	3.6	3.7	3.1	- 1.6
Machinery, except electrical	19.0	19.0	18.4	- .4	2.9
Metalworking machinery	7.9	7.9	7.8	- .1	1.4
General industrial machinery	3.5	3.5	3.4	- .2	3.4
Electric and electronic equipment	8.1	8.2	8.1	- .6	- .1
Transportation equipment	25.4	25.3	24.3	.3	4.7
Motor vehicles and equipment	10.1	10.3	9.3	- 1.5	8.1
Nondurable Goods[f]	66.5	66.2	64.0	.5	3.8
Food and kindred products	14.7	14.5	13.9[h]	1.3	5.9
Meat products	2.4	2.3	1.8[h]	1.5	33.3
Bakery products	2.5	2.6	2.4	- 3.4	8.3
Beverages	4.3	4.0	4.2	7.8	1.8
Apparel and other textile products	4.0	4.0	3.9	- .5	1.7
Paper and allied products	6.1	6.1	5.9	- 1.0	3.7
Printing and publishing	11.6	11.7	11.7	- .8	- .2
Chemicals and allied products	21.8	21.6	21.2	.9	2.8
Rubber and misc. plastics products	4.9	4.9	4.4	.0	12.1
NONMANUFACTURING[g]	448.8	445.0	438.3	.8	2.4
CONSTRUCTION	21.3	20.6	20.4	3.2	4.1
TRANSPORTATION AND PUBLIC UTILITIES	31.4	31.2	31.8	.6	- 1.4
Communication, electric, gas services	14.1	14.1	15.0	.4	- 5.7
WHOLESALE TRADE	36.4	36.2	36.3	.6	.2
RETAIL TRADE	105.8	104.9	104.7	.8	1.0
FINANCE, INSURANCE, AND REAL ESTATE	33.5	33.2	33.0	.9	1.5
Banking	7.4	7.4	7.4	.6	.5
Insurance carriers	11.3	11.3	11.3	.3	.4
SERVICES	138.4	136.4	132.6	1.5	4.4
GOVERNMENT	81.6	82.1	79.0	- .7	3.3
Federal government	13.5	13.6	12.5	- .9	8.1
State government (includes education)	17.2	17.8	17.7	- 3.3	- 2.9
Local government	50.9	50.8	48.9	.3	4.3
Local government, except education	21.7	21.2	22.2	2.5	- 2.0
Local government education	29.2	29.6	26.7	- 1.2	9.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$438.06	$436.80	$417.54	41.8	41.6	41.3	$10.48	$10.50	$10.11
Durable Goods[d]	434.30	429.32	402.12	41.8	41.4	40.7	10.39	10.37	9.88
Furniture and fixtures	356.10	350.70	310.42	41.6	41.8	39.9	8.56	8.39	7.78
Primary metal industries	509.21	493.08	401.08	43.3	42.0	37.0	11.76	11.74	10.84
Fabricated metal products	379.76	377.74	377.48	40.4	40.4	41.3	9.40	9.35	9.14
Fabricated structural metal products	399.90	376.58	338.37	43.0	40.8	39.3	9.30	9.23	8.61
Machinery, except electrical	387.16	393.18	359.60	41.1	41.3	39.3	9.42	9.52	9.15
Metalworking machinery	412.16	434.68	383.52	38.7	40.7	37.6	10.65	10.68	10.20
General industrial machinery	360.34	361.65	333.28	41.9	42.2	40.3	8.60	8.57	8.27
Electric and electronic equipment	328.02	334.14	301.45	40.9	41.1	39.2	8.02	8.13	7.69
Transportation equipment	618.36	596.09	555.86	43.7	42.7	42.4	14.15	13.96	13.11
Motor vehicles and equipment	705.48	678.81	639.12	45.9	44.6	44.6	15.37	15.22	14.33
Nondurable Goods[e]	441.60	443.69	435.12	41.7	41.7	42.0	10.59	10.64	10.36
Food and kindred products	499.49	494.36	489.06	43.7	43.1	42.9	11.43	11.47	11.40
Meat products	401.57	421.41	403.92	41.7	43.4	41.9	9.63	9.71	9.64
Bakery products	482.54	475.68	462.53	43.2	43.6	43.8	11.17	10.91	10.56
Beverages	481.06	470.12	445.82	43.3	41.9	41.9	11.11	11.22	10.64
Apparel and other textile products	210.02	221.84	214.32	35.9	37.6	37.6	5.85	5.90	5.70
Paper and allied products	389.48	396.09	376.20	42.8	43.1	41.8	9.10	9.19	9.00
Printing and publishing	407.88	421.74	417.96	39.6	39.9	40.5	10.30	10.57	10.32
Chemicals and allied products	518.32	523.75	505.41	41.3	41.8	42.4	12.55	12.53	11.92
Rubber and misc. plastics products	392.62	375.03	389.26	46.3	44.7	46.4	8.48	8.39	8.26
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	542.33	538.32	541.75	38.3	37.1	37.7	14.16	14.51	14.37
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	466.10	466.49	438.45	39.3	39.3	39.5	11.86	11.87	11.10
WHOLESALE TRADE	363.86	363.78	336.65	40.7	40.6	39.1	8.94	8.96	8.61
RETAIL TRADE[f]	167.32	165.23	164.39	31.1	31.0	30.9	5.38	5.33	5.32
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	229.74	226.99	222.21	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	838.5	831.1	838.5	.9	.0
MANUFACTURING	211.7	210.9	207.8	.4	1.9
Durable Goods[e]	146.9	146.4	144.7	.3	1.5
Furniture and fixtures	2.1	2.3	2.1	- 5.7	2.8
Primary metal industries	24.7	24.6	24.2	.2	2.2
Blast furnace and basic steel products	11.9	11.9	12.5	.1	- 5.2
Iron and steel foundries	6.1	6.1	5.6	- .1	10.1
Nonferrous foundries	2.6	2.6	2.5	1.6	3.0
Fabricated metal products	32.0	31.7	31.2	.8	2.6
Fabricated structural metal products	3.8	3.8	3.6	1.0	4.4
Screw machine products, bolts, etc.	4.2	4.2	4.3	1.2	- 2.4
Metal forgings and stampings	11.0	10.9	10.8	.8	2.0
Machinery, except electrical	32.3	32.1	30.9	.8	4.8
Construction and related machinery	4.8	4.9	5.4	- 2.4	- 11.7
Metalworking machinery	10.5	10.4	10.0	.9	4.9
Special industry machinery	3.3	3.2	2.8	2.6	19.8
General industrial machinery	2.9	2.8	2.7	2.9	4.8
Electric and electronic equipment	22.4	22.3	22.1	.3	1.4
Electrical industrial apparatus	7.6	7.5	7.5	.6	1.4
Transportation equipment	19.5	19.7	20.7	- .8	- 5.8
Motor vehicles and equipment	13.0	13.2	14.3	- 1.6	- 8.8
Instruments and related products	5.9	5.9	5.8	.4	2.0
Nondurable Goods[f]	64.8	64.4	63.1	.6	2.7
Food and kindred products	7.7	7.6	7.7	.8	- .1
Bakery products	1.7	1.7	1.8	.0	- 2.2
Beverages	1.6	1.6	1.7	.4	- 3.4
Apparel and other textile products	5.2	5.4	4.8	- 2.7	8.3
Paper and allied products	5.1	5.0	4.8	1.3	5.4
Printing and publishing	15.2	15.3	14.8	- .7	2.7
Chemicals and allied products	14.3	14.2	14.4	.6	- .3
Industrial inorganic chemicals	3.2	3.2	3.2	.2	- .6
Rubber and misc. plastics products	11.1	11.0	10.7	.9	4.3
NONMANUFACTURING[g]	626.8	620.2	630.7	1.1	- .6
CONSTRUCTION	25.3	24.8	26.4	2.2	- 4.0
TRANSPORTATION AND PUBLIC UTILITIES	42.0	41.6	42.1	1.0	- .3
Communication, electric, gas services	19.7	19.6	20.2	.5	- 2.5
WHOLESALE TRADE	58.1	57.5	58.7	1.0	- 1.0
RETAIL TRADE	136.2	134.5	136.2	1.3	- .1
FINANCE, INSURANCE, AND REAL ESTATE	48.4	47.8	49.3	1.4	- 1.7
Banking	12.6	12.6	13.5	.6	- 6.6
Insurance carriers	11.7	11.5	12.1	1.8	- 3.7
SERVICES	201.5	200.2	197.2	.7	2.2
GOVERNMENT	113.9	112.6	119.7	1.2	- 4.8
Federal government	19.5	19.5	19.3	.2	1.3
State government (includes education)	7.9	7.6	8.1	5.0	- 2.0
Local government	86.5	85.6	92.3	1.0	- 6.3
Local government, except education	44.5	43.2	48.3	2.9	- 7.9
Local government education	42.0	42.4	44.0	- .9	- 4.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$458.29	$454.86	$433.24	42.2	42.0	41.3	$10.86	$10.83	$10.49
Durable Goods[d]	487.49	483.23	461.05	42.8	42.5	41.8	11.39	11.37	11.03
Furniture and fixtures	343.83	319.60	323.61	42.5	40.0	40.3	8.09	7.99	8.03
Primary metal industries	542.72	544.85	496.13	42.4	42.5	40.6	12.80	12.82	12.22
Blast furnace and basic steel products	500.09	500.09	464.28	37.8	37.8	36.5	13.23	13.23	12.72
Iron and steel foundries	722.40	723.61	635.26	48.0	47.7	46.0	15.05	15.17	13.81
Nonferrous foundries	359.10	362.94	357.52	42.0	42.4	41.0	8.55	8.56	8.72
Fabricated metal products	475.66	469.09	452.61	43.4	42.8	42.3	10.96	10.96	10.70
Fabricated structural metal products	375.53	351.65	359.39	42.1	39.6	40.2	8.92	8.88	8.94
Screw machine products, bolts, etc.	441.10	438.96	410.18	45.9	45.3	42.2	9.61	9.69	9.72
Metal forgings and stampings	608.39	605.24	580.29	45.2	45.1	45.3	13.46	13.42	12.81
Machinery, except electrical	474.77	474.53	448.40	43.2	43.1	41.1	10.99	11.01	10.91
Construction and related machinery	487.75	475.19	467.28	41.3	40.1	39.3	11.81	11.85	11.89
Metalworking machinery	417.77	424.69	414.57	41.2	41.8	39.0	10.14	10.16	10.63
Special industry machinery	459.42	453.72	456.96	40.3	39.8	42.0	11.40	11.40	10.88
General industrial machinery	407.89	411.31	372.78	42.4	41.8	39.7	9.62	9.84	9.39
Electric and electronic equipment	398.78	403.34	374.86	40.2	40.7	39.5	9.92	9.91	9.49
Electrical industrial apparatus	419.35	425.54	363.21	40.4	40.8	37.1	10.38	10.43	9.79
Transportation equipment	631.13	602.99	594.10	45.9	44.6	45.7	13.75	13.52	13.00
Motor vehicles and equipment	676.17	645.98	644.33	46.6	45.3	47.1	14.51	14.26	13.68
Instruments and related products	362.23	360.77	362.44	40.7	40.4	41.9	8.90	8.93	8.65
Nondurable Goods[e]	381.64	381.36	360.70	40.6	40.7	39.9	9.40	9.37	9.04
Food and kindred products	401.10	389.50	375.66	42.0	41.0	40.7	9.55	9.50	9.23
Bakery products	426.99	426.29	373.91	43.0	42.8	39.4	9.93	9.96	9.49
Beverages	344.99	348.65	357.44	39.7	39.8	42.3	8.69	8.76	8.45
Apparel and other textile products	271.44	269.09	261.89	37.7	37.9	37.9	7.20	7.10	6.91
Paper and allied products	428.43	441.07	409.27	42.8	43.8	42.9	10.01	10.07	9.54
Printing and publishing	367.50	369.90	358.07	36.1	36.3	35.7	10.18	10.19	10.03
Chemicals and allied products	474.40	468.57	442.21	42.7	42.1	41.6	11.11	11.13	10.63
Industrial inorganic chemicals	508.38	503.58	472.06	42.4	42.0	41.3	11.99	11.99	11.43
Rubber and misc. plastics products	350.20	350.78	333.01	42.5	43.2	42.1	8.24	8.12	7.91
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	757.94	744.98	673.10	39.6	38.5	37.9	19.14	19.35	17.76
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	514.35	513.89	474.02	40.5	40.4	39.8	12.70	12.72	11.91
WHOLESALE TRADE	360.90	357.40	340.02	40.1	39.8	39.4	9.00	8.98	8.63
RETAIL TRADE[f]	180.16	173.85	174.34	29.2	28.5	29.4	6.17	6.10	5.93
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	259.27	249.32	243.70	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	521.8	516.7	503.8	1.0	3.6
MANUFACTURING	88.1	87.2	83.5	1.1	5.5
Durable Goods[e]	57.0	56.1[h]	52.5	1.5	8.5
Stone, clay, and glass products	9.4	9.4	9.1	.2	3.0
Fabricated metal products	10.0	10.1	9.3	- 1.2	7.1
Machinery, except electrical	9.9	9.8	8.9	1.1	11.4
Electric and electronic equipment	10.3	10.4	9.8	- .7	5.1
Transportation equipment	9.1	8.9	7.9	1.5	15.3
Nondurable Goods[f]	31.2	31.1	31.0	.3	.5
Food and kindred products	10.0	10.0	9.9	- .1	1.3
Printing and publishing	8.1	8.1	8.0	.1	.4
Chemicals and allied products	6.3	6.2	6.1	1.4	3.3
Rubber and misc. plastics products	2.7	2.7	2.6	1.2	3.9
NONMANUFACTURING[g]	433.6	429.5	420.2	1.0	3.2
CONSTRUCTION	16.8	15.9	16.1	6.1	4.7
TRANSPORTATION AND PUBLIC UTILITIES	23.3	23.2	22.9	.4	1.7
Communication, electric, gas services	11.1	11.1	10.9	.0	1.8
WHOLESALE TRADE	28.0	27.8	27.4	.7	2.4
RETAIL TRADE	98.2	97.6	94.4	.7	4.1
FINANCE, INSURANCE, AND REAL ESTATE	45.6	45.0	43.3	1.3	5.3
Banking	8.9	8.8	8.5	.7	4.4
Insurance carriers	18.2	18.1	18.0	.3	.9
SERVICES	118.6	116.8	114.3	1.5	3.7
GOVERNMENT	102.6	102.7	101.4	- .2	1.1
Federal government	11.6	11.5	11.4	.4	1.6
State government	47.9	48.3	48.4	- .8	- 1.0
State government, except education	27.2	27.3	28.3	- .1	- 3.7
State government education[i]	20.7	21.0	20.1	- 1.6	2.8
Local government	43.1	43.0	41.7	.3	3.4
Local government, except education	18.1	17.5	18.1	3.6	.1
Local government education	25.0	25.5	23.6	- 2.0	5.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$419.83	$417.15	$408.41	40.8	40.5	40.8	$10.29	$10.30	$10.01
Durable Goods[d]	428.33	429.95	431.14	40.6	40.6	41.1	10.55	10.59	10.49
Stone, clay, and glass products	398.00	394.02	395.20	40.0	39.6	40.7	9.95	9.95	9.71
Fabricated metal products	491.23	490.04	538.16	40.1	40.2	43.4	12.25	12.19	12.40
Machinery, except electrical	424.00	404.01	374.53	42.4	41.1	40.1	10.00	9.83	9.34
Electric and electronic equipment	426.18	430.97	401.30	40.9	41.4	40.7	10.42	10.41	9.86
Transportation equipment	507.10	512.98	549.63	41.6	42.5	45.2	12.19	12.07	12.16
Nondurable Goods[e]	399.64	388.73	363.31	41.2	40.2	40.1	9.70	9.67	9.06
Food and kindred products	385.90	368.00	367.08	41.9	40.0	42.0	9.21	9.20	8.74
Printing and publishing	455.34	450.30	433.47	38.2	38.0	37.4	11.92	11.85	11.59
Chemicals and allied products	458.64	451.94	406.41	42.0	41.5	40.6	10.92	10.89	10.01
Rubber and misc. plastics products	326.48	306.86	296.23	42.4	39.8	41.2	7.70	7.71	7.19
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	500.35	480.82	488.82	39.9	37.8	37.4	12.54	12.72	13.07
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	508.23	515.30	467.25	40.4	40.8	39.8	12.58	12.63	11.74
WHOLESALE TRADE	297.26	290.72	319.20	39.9	39.5	40.0	7.45	7.36	7.98
RETAIL TRADE[f]	158.34	157.30	167.70	29.0	28.6	30.0	5.46	5.50	5.59
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	239.82	240.36	235.54	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	346.7	344.5	337.4	.7	2.8
MANUFACTURING	91.4	91.2	86.0	.3	6.2
Durable Goods[e]	63.4	63.2	59.8	.3	6.0
Stone, clay, and glass products	2.1	2.0	2.0	4.8	4.7
Fabricated metal products	7.1	7.0	6.6	1.2	8.0
Machinery, except electrical	29.8	29.7	28.0	.4	6.3
Metalworking machinery	6.6	6.6	6.3	.4	6.0
Electric and electronic equipment	5.0	5.0	4.8	.0	3.9
Electrical industrial apparatus	2.9	2.9	2.8	.3	3.6
Transportation equipment	13.3	13.4	12.8	- .6	3.4
Nondurable Goods[f]	28.0	27.9	26.2	.1	6.7
Food and kindred products	2.8	2.7	2.8	1.2	- 2.4
Paper and allied products	5.8	5.8	5.1	1.2	14.2
Printing and publishing	7.4	7.4	7.1	- .5	3.7
Rubber and misc. plastics products	8.2	8.3	7.6	- 1.5	7.4
NONMANUFACTURING[g]	255.4	253.3	251.4	.8	1.6
CONSTRUCTION	10.0	9.1	9.6	10.0	3.5
TRANSPORTATION AND PUBLIC UTILITIES	13.0	12.9	12.9	1.2	.6
Communication, electric, gas services	5.7	5.7	6.0	.7	- 5.9
WHOLESALE TRADE	17.0	16.9	16.7	1.1	2.1
RETAIL TRADE	56.3	55.9	55.7	.7	1.1
FINANCE, INSURANCE, AND REAL ESTATE	14.1	14.0	13.8	.7	2.1
SERVICES	78.1	76.9	76.0	1.6	2.8
GOVERNMENT	66.5	67.5	66.3	- 1.4	.3
Federal government	26.8	26.2	26.1	2.0	2.6
State government (includes education)	6.2	5.9	6.1	5.0	2.3
Local government	33.5	35.3	34.2	- 5.1	- 1.9
Local government, except education	13.5	13.1	13.3	2.9	1.0
Local government education	20.0	22.2	20.8	- 9.8	- 3.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$463.83	$466.57	$443.52	41.9	42.3	42.0	$11.07	$11.03	$10.56
Durable Goods[d]	465.78	471.58	443.52	42.0	42.6	42.2	11.09	11.07	10.51
Stone, clay, and glass products	402.57	386.68	377.74	42.6	41.4	40.1	9.45	9.34	9.42
Fabricated metal products	338.00	381.49	335.78	40.0	43.4	40.7	8.45	8.79	8.25
Machinery, except electrical	503.01	510.12	465.00	43.4	43.9	42.7	11.59	11.62	10.89
Metalworking machinery	484.10	495.39	432.43	44.7	45.7	41.7	10.83	10.84	10.37
Electric and electronic equipment	337.77	336.18	312.44	41.7	41.3	39.7	8.10	8.14	7.87
Electrical industrial apparatus	364.91	360.80	329.43	41.8	41.0	39.5	8.73	8.80	8.34
Transportation equipment	585.48	578.45	558.15	42.0	42.1	43.1	13.94	13.74	12.95
Nondurable Goods[e]	458.16	454.69	445.12	41.5	41.6	41.6	11.04	10.93	10.70
Food and kindred products	397.52	381.47	395.39	41.8	41.6	40.1	9.51	9.17	9.86
Paper and allied products	425.54	425.80	380.09	44.7	44.4	42.9	9.52	9.59	8.86
Printing and publishing	426.92	404.77	382.66	38.6	37.9	36.1	11.06	10.68	10.60
Rubber and misc. plastics products	567.09	560.42	586.43	42.1	42.2	44.8	13.47	13.28	13.09
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	534.89	494.41	541.93	39.1	36.3	39.1	13.68	13.62	13.86
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	494.90	481.98	465.06	40.4	39.8	40.3	12.25	12.11	11.54
WHOLESALE TRADE	360.40	356.17	337.41	42.6	42.1	41.4	8.46	8.46	8.15
RETAIL TRADE[f]	161.37	160.56	159.67	29.5	29.3	29.9	5.47	5.48	5.34
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	291.2	294.3	281.1	- 1.1	3.6
MANUFACTURING	75.3	75.7	68.8	- .5	9.4
Durable Goods[e]	59.2	59.5	53.2	- .5	11.2
Stone, clay, and glass products	11.3	11.4	11.3	- 1.3	- .3
Primary metal industries	4.0	4.0	3.8	- .4	5.6
Fabricated metal products	8.6	8.7	7.7	- 1.0	12.4
Metal forgings and stampings	4.0	4.2	3.4	- 3.5	17.1
Machinery, except electrical	6.5	6.4	6.1	1.2	7.2
General industrial machinery	1.6	1.6	1.7	.6	- 5.0
Transportation equipment	20.8	20.8	17.0	- .2	22.6
Motor vehicles and equipment	19.5	19.6	15.8	- .3	23.8
Nondurable Goods[f]	16.2	16.2	15.6	- .4	3.4
Food and kindred products	4.0	4.0	4.2	1.7	- 3.3
Rubber and misc. plastics products	4.4	4.5	3.3	- 1.8	35.7
NONMANUFACTURING[g]	215.8	218.6	212.2	- 1.3	1.7
CONSTRUCTION	10.1	9.8	10.5	3.1	- 4.7
TRANSPORTATION AND PUBLIC UTILITIES	17.7	17.7	17.8	.0	- .5
Communication, electric, gas services	7.5	7.5	7.8	.4	- 4.1
WHOLESALE TRADE	14.5	14.4	14.6	1.1	- .4
RETAIL TRADE	50.4	49.9	50.3	1.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.8	- .1	1.8
SERVICES	66.5	66.3	64.3	.2	3.5
GOVERNMENT	45.2	49.1	43.5	- 7.9	3.8
State government (includes education)	11.9	15.3	11.9	- 22.1	.6
Local government	30.5	31.0	28.9	- 1.6	5.3
Local government, except education	13.0	12.4	12.1	4.5	7.3
Local government education	17.5	18.5	16.8	- 5.7	3.8

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$500.98	$505.61	$470.11	43.3	43.7	42.2	$11.57	$11.57	$11.14
Durable Goods[d]	526.59	531.85	490.33	43.7	44.1	42.6	12.05	12.06	11.51
Stone, clay, and glass products	506.97	512.46	482.94	43.0	43.8	42.7	11.79	11.70	11.31
Primary metal industries	486.83	487.08	443.59	44.5	44.2	42.9	10.94	11.02	10.34
Fabricated metal products	480.44	475.58	462.64	43.4	43.0	42.6	11.07	11.06	10.86
Metal forgings and stampings	538.82	521.37	525.31	43.7	42.7	43.2	12.33	12.21	12.16
Machinery, except electrical	436.80	449.20	409.37	41.6	42.7	39.4	10.50	10.52	10.39
General industrial machinery	445.11	462.38	457.80	40.1	41.1	38.6	11.10	11.25	11.86
Transportation equipment	628.31	632.49	561.17	45.3	45.7	43.2	13.87	13.84	12.99
Motor vehicles and equipment	631.06	633.40	561.60	45.4	45.7	43.2	13.90	13.86	13.00
Nondurable Goods[e]	401.28	404.07	402.78	41.8	42.4	41.1	9.60	9.53	9.80
Food and kindred products	453.02	444.35	433.87	42.9	42.4	43.0	10.56	10.48	10.09
Rubber and misc. plastics products	334.51	342.77	322.00	41.4	42.9	40.1	8.08	7.99	8.03
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	628.62	645.13	615.00	38.9	38.7	37.5	16.16	16.67	16.40
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	499.80	500.61	467.48	40.7	40.7	40.3	12.28	12.30	11.60
WHOLESALE TRADE	325.31	338.45	339.07	36.8	38.2	38.4	8.84	8.86	8.83
RETAIL TRADE[f]	163.00	161.84	162.88	28.9	28.9	29.4	5.64	5.60	5.54
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	182.4	183.1	179.4	- .4	1.7
MANUFACTURING	55.5	55.8	53.3	- .5	4.2
Durable Goods[e]	50.3	50.5	48.3	- .6	4.1
Stone, clay, and glass products	1.6	1.8	1.6	- 10.6	- 1.4
Primary metal industries	23.4	23.4	22.1	- .1	5.6
Blast furnace and basic steel products	9.5	9.5	8.8	.3	8.3
Fabricated metal products	8.5	8.6	7.7	- 1.3	9.8
Fabricated structural metal products	2.0	2.0	1.9	.7	7.1
Machinery, except electrical	3.8	3.7	3.8	2.2	.0
Metalworking machinery	1.5	1.5	1.8	4.1	- 14.0
Electric and electronic equipment	2.7	2.7	2.6	- 1.8	3.1
Transportation equipment	8.8	8.8	9.0	- .9	- 2.3
Nondurable Goods[f]	5.2	5.2	5.0	- .1	4.5
NONMANUFACTURING[g]	126.9	127.3	126.1	- .3	.6
CONSTRUCTION	5.3	5.0	5.2	6.3	1.4
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.4	7.6	1.3	- 1.5
Communication, electric, gas services	3.1	3.1	3.3	.4	- 5.6
WHOLESALE TRADE	7.8	7.8	7.7	.7	1.3
RETAIL TRADE	34.1	33.9	34.4	.6	- 1.1
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.3	7.2	1.0	1.4
SERVICES	40.6	40.4	39.5	.5	2.8
GOVERNMENT	23.7	25.0	23.7	- 5.4	- .2
Local government (includes education)	17.8	19.2	17.9	- 7.5	- .8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$554.70	$556.84	$510.46	43.0	43.3	41.4	$12.90	$12.86	$12.33
Durable Goods[d]	568.06	572.03	523.74	43.1	43.5	41.6	13.18	13.15	12.59
Stone, clay, and glass products	376.71	359.04	364.97	39.2	38.4	39.8	9.61	9.35	9.17
Primary metal industries	565.68	556.49	515.87	41.2	41.1	39.5	13.73	13.54	13.06
Blast furnace and basic steel products	535.70	525.63	481.34	40.4	39.7	36.8	13.26	13.24	13.08
Fabricated metal products	589.43	663.14	559.82	43.5	46.7	42.8	13.55	14.20	13.08
Fabricated structural metal products	403.61	440.37	430.20	39.3	42.1	40.7	10.27	10.46	10.57
Machinery, except electrical	481.12	464.13	455.51	41.8	40.5	38.8	11.51	11.46	11.74
Metalworking machinery	499.21	466.49	480.80	44.1	41.8	41.2	11.32	11.16	11.67
Electric and electronic equipment	425.59	446.46	392.78	41.4	43.9	41.0	10.28	10.17	9.58
Transportation equipment	683.32	667.51	623.13	48.6	48.3	47.1	14.06	13.82	13.23
Nondurable Goods[e]	403.85	373.83	367.48	42.6	40.9	39.9	9.48	9.14	9.21
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	612.68	579.96	564.99	38.9	36.0	37.0	15.75	16.11	15.27
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	491.62	482.79	447.60	40.9	40.3	40.0	12.02	11.98	11.19
WHOLESALE TRADE	335.01	333.44	317.19	36.1	35.7	35.8	9.28	9.34	8.86
RETAIL TRADE[f]	168.17	169.64	165.39	29.4	29.4	29.8	5.72	5.77	5.55
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities.	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate.	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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